

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
10/027,610	12/19/2001	Chenghui Wang	2001P04874US01
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### AMENDMENTS TO THE CLAIMS

In the Claims, please make the following amendments:

- (Currently Amended) A telecommunications system, comprising:

at least one mobile station;

a serving GPRS support node ~~(SGSN)~~ adapted to interface to a comprising

means for communicating with the mobile station;

means for generating a request for services; and

a SIP user agent comprising

user agent means responsive to the means for generating a

request for services; and

means responsive to the user agent means for generating a SIP

request for services from a SIP application server; and

a gateway GPRS support node ~~(GGSN)~~ adapted to couple to comprising means for

communicating with a packet network

~~wherein said SGSN includes a Session Initiation Protocol (SIP) user agent for interfacing to a SIP application server, to provide multimedia services to said mobile station.~~
- (Currently Amended) A telecommunications system ~~in accordance with~~ as set forth in claim 1, said ~~SGSN~~ adapted to initiate where the serving GPRS support node comprises means for initiating a PDP context activation procedure if said SGSN determines, or an other network function/entity instructs the SGSN, that such a PDP context activation is needed to support further services.

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3. (Currently Amended) A telecommunications system ~~in accordance with~~ as set forth in claim 2, said PDP activation procedure adapted to be implemented at DP attach or other detection points where the means for initiating a PDP context activation comprises means for activating a PDP context at a detection point or a detection point attach.

4. (Currently Amended) A telecommunications method, comprising:  
processing a detection point attach;  
~~an SGSN requesting~~ initiating a request for a PDP context activation at a serving GPRS support node; and  
~~triggering an SIP request~~ a SIP request from a SIP user agent residing in the serving GPRS support node.

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5. (Currently Amended) A GPRS telecommunications system, comprising:

at least one mobile station;

~~a serving GPRS support node (SGSN) adapted to interface to a mobile station, wherein said SGSN includes a Session Initiation Protocol (SIP) user agent comprising~~

means for communicating with the mobile station;

means for generating a request for services; and

a SIP user agent comprising

user agent means responsive to the means for generating a request for services; and

means responsive to the user agent means for generating a SIP request for services; and

~~a gateway GPRS support node (GGSN) adapted to couple to~~ comprising means for communicating with a packet network; and

~~a SIP application server, said SIP user agent and said the SIP application server adapted to provide multimedia services to said mobile station comprising~~

means responsive to the SIP user agent; and

means for providing multimedia services.

6. (Currently Amended) A GPRS telecommunications system ~~in accordance with as set forth in claim 5, said SGSN and said SIP application server adapted to implement an operator-owned PDP context activation where the serving GPRS support node comprises means for initiating an operator-owned PDP context activation.~~

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7. (Currently Amended) A GPRS telecommunications system in accordance with as set forth in claim 6, said operator-owned PDP activation procedure adapted to be implemented at DP attach or other detection points where the means for initiating an operator-owned PDP context activation comprises means for activating a PDP context at a detection point or a detection point attach.

8. (Currently Amended) A GPRS telecommunications system in accordance with as set forth in claim 7, said SGSN and said SIP application server adapted to implement where the serving GPRS support node comprises means for implementing a push service.

9. (Currently Amended) A GPRS telecommunications system in accordance with as set forth in claim 7, said SGSN and said SIP application server adapted to implement presence status where the serving GPRS support node comprises means for implementing a presence service.

10. (Currently Amended) A GPRS telecommunications system in accordance with as set forth in claim 7, said SGSN and said SIP application server adapted to implement where the serving GPRS support node comprises means for implementing a push, pre-paid recharging service.

11-16. (Cancelled)

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17. (Currently Amended) A method in a GPRS-network ~~[[,]]~~ for a telecommunications system comprising

at least one mobile station;

a serving GPRS support node comprising

means for communicating with the mobile station;

means for generating a request for services; and

a SIP user agent comprising

user agent means responsive to the means for generating

a request for services; and

means responsive to the user agent means for generating

a SIP request for services from a SIP application server; and

a gateway GPRS support node comprising means for communicating with

a packet network; comprising:

requesting a ~~[[DP]]~~ detection point attach from ~~of~~ the mobile station to an ~~SGSN~~ the serving GPRS support node;

~~requesting~~ initiating a request for a PDP context activation from said ~~SGSN~~ to said mobile station at the serving GPRS support node;

performing ~~implementing the~~ PDP context activation in response to said ~~requesting~~; and

pushing content to said ~~the~~ mobile station from a SIP application server.

18. (Currently Amended) A method in accordance with as set forth claim 17, ~~said content comprising~~ where pushing content comprises pushing one or more Web pages.

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19. (Currently Amended) A method ~~in accordance with~~ as set forth claim 18, further comprising implementing push, pre-paid recharging service.

20. (Cancelled)

21. (New) A telecommunications system as set forth in claim 1, further comprising a SIP application server comprising means for providing multimedia services.

22. (New) A GPRS telecommunications system, comprising:

at least one mobile station;

a serving GPRS support node comprising

means for communicating with the mobile station; and

means for sending a SIP request for services to a SIP application server.

23. (New) A GPRS telecommunications system as set forth in claim 22, where the means for sending a SIP request for services to a SIP application server comprises a SIP user agent.

24. (New) A GPRS telecommunications system as set forth in claim 23, where the serving GPRS support node further comprises means for triggering multimedia services.

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25. (New) A method for providing services in a GPRS telecommunications system comprising at least one mobile station and a serving GPRS support node comprising means for communicating with the mobile station, comprising:

attaching a mobile station to the serving GPRS support node; and

initiating a PDP context activation from the serving GPRS support node.

26. (New) A method as set forth in claim 25, further comprising initiating a SIP request for services from the serving GPRS support node.